

ILLUMINATION INSTALLATION - ENGINEER'S OPINION OF PROBABLE COST

Illumination Installation - Phase 2

BID ITEM NO.	CITY SECT. NO.	DESCRIPTION	UNIT	TOTAL QUANTIT	ENGINEER'S ESTIMATE		GROVES ELECTRICAL		MEL'S ELECTRIC		ROADWAY SOLUTIONS	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	033101	DRILL SHAFT (RDWY ILL POLE) (30 IN)	LF	1,160	\$160.00	\$185,600.00	\$78.00	\$90,480.00	\$110.00	\$127,600.00	\$115.00	\$133,400.00
2	017113	MOBILIZATION	LS	1	\$3,117.80	\$3,117.80	\$5,000.00	\$5,000.00	\$11,000.00	\$11,000.00	\$38,041.50	\$38,041.50
3	347113	BARRICADES, SIGNS & TRAFFIC HANDLING	MO	6	\$3,000.00	\$18,000.00	\$3,400.00	\$20,400.00	\$3,500.00	\$21,000.00	\$800.00	\$4,800.00
4	270500	CONDUIT (PVC) (SCHD 40) (2") TRENCH	LF	18,950	\$6.00	\$113,700.00	\$5.05	\$95,697.50	\$3.25	\$61,587.50	\$4.50	\$85,275.00
5	270500	CONDUIT (PVC) (SCHD 40) (2") BORE	LF	3,675	\$17.00	\$62,475.00	\$11.67	\$42,887.25	\$13.15	\$48,326.25	\$12.00	\$44,100.00
6	270500	CONDUIT (RMC) (2")	LF	25	\$36.00	\$900.00	\$8.89	\$222.25	\$8.00	\$200.00	\$18.00	\$450.00
7	260500	ELEC CONDUCTOR (NO 4) BARE	LF	3,390	\$1.50	\$5,085.00	\$0.94	\$3,186.60	\$1.30	\$4,407.00	\$1.00	\$3,390.00
8	260500	ELEC CONDUCTOR (NO 4) INSULATED	LF	6,780	\$2.00	\$13,560.00	\$1.20	\$8,136.00	\$1.55	\$10,509.00	\$1.00	\$6,780.00
9	260500	ELEC CONDUCTOR (NO 6) BARE	LF	14,895	\$1.50	\$22,342.50	\$0.67	\$9,979.65	\$0.85	\$12,660.75	\$0.60	\$8,937.00
10	260500	ELEC CONDUCTOR (NO 6) INSULATED	LF	29,790	\$1.50	\$44,685.00	\$0.87	\$25,917.30	\$1.05	\$31,279.50	\$0.65	\$19,363.50
11	260500	ELEC CONDUCTOR (NO 8) BARE	LF	6,855	\$1.00	\$6,855.00	\$0.51	\$3,496.05	\$0.60	\$4,113.00	\$0.50	\$3,427.50
12	260500	ELEC CONDUCTOR (NO 8) INSULATED	LF	13,710	\$1.50	\$20,565.00	\$0.64	\$8,774.40	\$0.75	\$10,282.50	\$0.55	\$7,540.50
13	344135	GROUND BOX TY A W/APRON	EA	14	\$750.00	\$10,500.00	\$473.75	\$6,632.50	\$325.00	\$4,550.00	\$325.00	\$4,550.00
14	260501	ELEC SRV TY A(240/480)100(NS)AL(E)PS(U)	EA	4	\$4,000.00	\$16,000.00	\$4,523.00	\$18,092.00	\$4,100.00	\$16,400.00	\$4,750.00	\$19,000.00
15	265619	ILLUMINATION POLE	EA	145	\$2,000.00	\$290,000.00	\$1,697.50	\$246,137.50	\$1,820.00	\$263,900.00	\$1,685.00	\$244,325.00
16	265620	LUMINAIRES - TYPE II	EA	132	\$600.00	\$79,200.00	\$537.00	\$70,884.00	\$500.00	\$66,000.00	\$520.00	\$68,640.00
17	265620	LUMINAIRES - TYPE III	EA	149	\$600.00	\$89,400.00	\$537.00	\$80,013.00	\$500.00	\$74,500.00	\$520.00	\$77,480.00
18		CONTINGENCY	EA	1	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
TOTAL							\$1,001,985.30		\$755,936.00		\$788,315.50	

BID ITEM NO.	CITY SECT. NO.	DESCRIPTION	UNIT	TOTAL QUANTIT	ENGINEER'S ESTIMATE		INDEPENDENT UTILITY CONST.		DURABLE SPECIALTIES	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
1	033101	DRILL SHAFT (RDWY ILL POLE) (30 IN)	LF	1,160	\$160.00	\$185,600.00	\$134.61	\$156,147.60	\$150.00	\$174,000.00
2	017113	MOBILIZATION	LS	1	\$3,117.80	\$3,117.80	\$52,041.00	\$52,041.00	\$15,020.00	\$15,020.00
3	347113	BARRICADES, SIGNS & TRAFFIC HANDLING	MO	6	\$3,000.00	\$18,000.00	\$2,750.00	\$16,500.00	\$4,500.00	\$27,000.00
4	270500	CONDUIT (PVC) (SCHD 40) (2") TRENCH	LF	18,950	\$6.00	\$113,700.00	\$5.77	\$109,341.50	\$5.50	\$104,225.00
5	270500	CONDUIT (PVC) (SCHD 40) (2") BORE	LF	3,675	\$17.00	\$62,475.00	\$15.91	\$58,469.25	\$12.00	\$44,100.00
6	270500	CONDUIT (RMC) (2")	LF	25	\$36.00	\$900.00	\$15.00	\$375.00	\$12.00	\$300.00
7	260500	ELEC CONDUCTOR (NO 4) BARE	LF	3,390	\$1.50	\$5,085.00	\$1.22	\$4,135.80	\$1.50	\$5,085.00
8	260500	ELEC CONDUCTOR (NO 4) INSULATED	LF	6,780	\$2.00	\$13,560.00	\$1.45	\$9,831.00	\$1.50	\$10,170.00
9	260500	ELEC CONDUCTOR (NO 6) BARE	LF	14,895	\$1.50	\$22,342.50	\$0.84	\$12,511.80	\$1.00	\$14,895.00
10	260500	ELEC CONDUCTOR (NO 6) INSULATED	LF	29,790	\$1.50	\$44,685.00	\$1.00	\$29,790.00	\$1.00	\$29,790.00
11	260500	ELEC CONDUCTOR (NO 8) BARE	LF	6,855	\$1.00	\$6,855.00	\$0.62	\$4,250.10	\$1.00	\$6,855.00
12	260500	ELEC CONDUCTOR (NO 8) INSULATED	LF	13,710	\$1.50	\$20,565.00	\$0.73	\$10,008.30	\$1.00	\$13,710.00
13	344135	GROUND BOX TY A W/APRON	EA	14	\$750.00	\$10,500.00	\$563.00	\$7,882.00	\$700.00	\$9,800.00
14	260501	ELEC SRV TY A(240/480)100(NS)AL(E)PS(U)	EA	4	\$4,000.00	\$16,000.00	\$4,336.00	\$17,344.00	\$5,450.00	\$21,800.00
15	265619	ILLUMINATION POLE	EA	145	\$2,000.00	\$290,000.00	\$1,601.00	\$232,145.00	\$2,225.00	\$322,625.00
16	265620	LUMINAIRES - TYPE II	EA	132	\$600.00	\$79,200.00	\$556.00	\$73,392.00	\$625.00	\$82,500.00
17	265620	LUMINAIRES - TYPE III	EA	149	\$600.00	\$89,400.00	\$556.00	\$82,844.00	\$625.00	\$93,125.00
18		CONTINGENCY	EA	1	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
TOTAL							\$1,001,985.30		\$897,008.35	